

10/501,447

1-42. (CANCELED)

42. (PREVIOUSLY PRESENTED) A device for raising or cultivating cells in a container-like receptacle (1), the device comprising:

a cylindrical middle part of the device being closed off at a top by an upper lid (3) and a lower lid (12) which forms a base of the receptacle (1),

wherein the upper lid (3) and the lower lid (12) are connected to the middle part in a pressure-tight manner and the upper lid (3) and the lower lid (12) are each provided with at least one inlet bore (8) for one of an introduction and a withdrawal of a culture medium and oxygen,

the upper and the lower lids (3, 12) and the middle part are connected to one another by mating internal and external threaded connections (2, 4), and each threaded connection is provided with at least one sealing ring, and

the upper lid (3) and the lower lid (12) each include an extension ring (14) having an extension ring region extending beyond the threaded connections (2, 4) to at least partially enclose the cylindrical middle part and each extension ring region including at least one sealing ring located between the middle part and the extension ring region to additionally seal the middle part.

43-51. (CANCELED)

52. (PREVIOUSLY PRESENTED) A device for raising or cultivating cells in a container-like receptacle which comprises:

a base receptacle (1); and

at least an upper lid (3);

wherein the upper lid (3) is connected to the base receptacle (1) in a pressure-tight manner by mating internal and external threaded connections of the upper lid (3) and base receptacle (1), and each threaded connection is provided with at least one sealing ring, and at least one of the base receptacle (1) and the upper lid

10/19/09 3:00 PM

- 2 -

10/501,447

(3) is provided with at least one inlet bore (8) for one of introduction and withdrawal of a culture medium and oxygen;

at least one resilient lateral tensioning ring (15) encircles both an exterior surface of the base receptacle (1) and an exterior surface of the upper lid (3) to retain the upper lid (3) in sealing engagement with the base receptacle (1) when the container-like receptacle is rotated about a transverse axis; and

a pressurizing device coupled to the device for raising or cultivating cells for exerting pressure on the cells (7) being cultivated within the device.

53. (PREVIOUSLY PRESENTED) The device as claimed in claim 52, wherein

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